Form Approved OMB No. 2070-0060

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY 401 M Street, S.W. WASHINGTON, D.C. 20460

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DATA MATRIX EPA Page 1 of 4 September 14, 2007 83729-R Applicant's/Registrant Name and Address **Product** AgriHouse, Inc. 307 Welch Ave. Chitosan Technical thoud, CO 80513 Chitosan (CAS No. 9012-76-4) Ingredient **Guideline Reference Number Guideline Study Name MRID** Number Submitter Status Note OPPTS 880.1100 Product Identity and Composition OWN To be assigned AgriHouse, Inc. OPPTS 880,1200 Description of Materials Used to Manufacture the Product To be assigned AgriHouse, Inc. OWN OPPTS 880.1400 Discussion of the Formation of Impurities AgriHouse, Inc. **OWN** To be assigned OPPTS 830.1700 Analysis of Samples **OWN** To be assigned AgriHouse, Inc. OWN OPPTS 830,1750 **Certified Limits** To be assigned AgriHouse, Inc. OPPTS 830,1800 **Enforcement Analytical Method** To be assigned AgriHouse, Inc. **OWN** OPPTS 830.6302 **OWN** Color To be assigned AgriHouse, Inc. PTS 830.6303 Physical State To be assigned AgriHouse, Inc. OWN OPPTS 830,6304 **OWN** To be assigned AgriHouse, Inc. OPPTS 830.6313 Stability at Normal and Elevated Temperatures, Metals **OWN** To be assigned AgriHouse, Inc. and Metal Ions OPPTS 830.6315 Flammability To be assigned AgriHouse, Inc. OWN OPPTS 830.6317 Storage Stability **OWN** To be assigned AgriHouse, Inc. OPPTS 830.6319 **OWN** Miscibility To be assigned AgriHouse, Inc. Name and Title Signature Date Heather R. Biornson, Regulatory September 14, 2007 Consultant

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		DATAMATRIA				
Date September 14, 2007			EPA Reg. No./File Symbol 83729-R		Page 2 of 4	
Applicant's/Registrant Name and Address AgriHouse, Inc. 307 Welch Ave. Berthoud, CO 80513			Product Chitosan Technical			
Ingredient Chitosan (CAS	6 No. 9012-76-4)					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note	
OPPTS 830.6320	Corrosion Characteristics	To be assigned	AgriHouse, Inc.	OWN		
OPPTS 830.7000	PH	To be assigned	AgriHouse, Inc.	OWN		
OPPTS 830.7100	Viscosity	To be assigned	AgriHouse, Inc.	OWN		
OPPTS 830.7200	Melting Point	To be assigned	AgriHouse, Inc.	OWN		
OPPTS 830.7220	Boiling Point	To be assigned	AgriHouse, Inc.	OWN		
OPPTS 830.7300	Bulk Density	To be assigned	AgriHouse, Inc.	OWN		
OPPTS 830.7550	Partition Coefficient	To be assigned	AgriHouse, Inc.	OWN		
OPPTS 830.7840	Water Solubility	To be assigned	AgriHouse, Inc.	OWN		
OPPTS 830.7950	Vapor Pressure	To be assigned	AgriHouse, Inc.	OWN		
OPPTS 870.1100	Acute Oral Toxicity - Rat	46790203	Interregional Research Project No. 4	PL		
OPPTS 870.1200	Acute Dermal Toxicity – Rabbit	46790203	Interregional Research Project No. 4	PL		
OPPTS 870.1300	Acute Inhalation Toxicity - Rat	46790203	Interregional Research Project No. 4	PL		
Signature			Name and Title Heather R. Bjornson, Regulator Consultant	у	Date September 14, 2007	

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Product

Applicant's/Registrant Name and Address

September 14, 2007

AgriHouse, Inc. 307 Welch Ave. Berthoud, CO 80513

Date

Chitosan Technical

Ingredient Chitosan (CAS No. 9012-76-4)

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
OPPTS 870.2400	Primary Eye Irritation – Rabbit	46790203	Interregional Research Project No. 4	PL	
OPPTS 870.2500	Primary Dermal Irritation - Rabbit	46790203	Interregional Research Project No. 4	PL	
OPPTS 870.2600	Dermal Sensitization – Guinea Pig	46790203	Interregional Research Project No. 4	PL	
OPPTS 870.3100	90-Day Oral Toxicity - Rat	00161553	Arkion Life Sciences	OLD	
OPPTS 870.3250	90-Day Dermal Toxicity	To be assigned	AgriHouse, Inc.	OWN	Waiver request
OPPTS 870.3465	90-Day Inhalation Toxicity	46790203	Interregional Research Project No. 4	PL	
OPPTS 870.3700	Tetratogenicity	46790203	Interregional Research Project No. 4	PL	
OPPTS 870.5000	Genotoxicity	46790203	Interregional Research Project No. 4	PL	
OPPTS 880.3550	Immunotoxicity	46790203	Interregional Research Project No. 4	PL	
OPPTS 850.2100	Avian Acute Oral Toxicity	46790205	Interregional Research Project No. 4	PL	
OPPTS 850.2200	Avian Dietary Toxicity	46790205	Interregional Research Project No. 4	PL	
OPPTS 850.1075	Fish Acute Toxicity – Freshwater and Marine	46790205	Interregional Research Project No. 4	PL	
Signature			Name and Title Heather R. Bjornson, Reg Consultant	ulatory	Date September 14, 2007

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		DATA MATRIX			
Date September 14, 2007			EPA Reg. No./File Symbol 83729-R		Page 4 of 4
Applicant's/Registrant Name and AgriHouse, Inc. 307 Welch Ave. Berthoud, CO 80513	Address		Chitosan Technical	I	
Ingredient Chitosan (CAS	S No. 9012-76-4)				
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
OPPTS 850.1010	Aquatic Invertebrate Acute Toxicity	46790205	Interregional Research Project No. 4		
OPPTS 850.4100 .	Nontarget Plant Testing	46790205	Interregional Research Project No. 4		
OPPTS 880.4350	Nontarget Insect Testing	46790205	Interregional Research Project No. 4		
OPPTS 860.1500	Residue Studies	46790206	Interregional Research Project No. 4		
			·		
Signature			Name and Title Heather R. Bjornson, Reg Consultant	ulatory	Date September 14, 2007



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DATA MATRIX EPA Reg. No./File Symbol Page 1 of 3 Date September 14, 2007 83729-R Applicant=s/Registrant Name and Address **Product** AgriHouse, Inc.

307 Welch Ave. Berthoud, CO 80513 YEA! Yield Enhancing Agent

Ingredient Chitosan

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
OPPTS 830.1550	Product Identity and Composition	Not yet assigned	AgriHouse, Inc.	OWN	
OPPTS 830.1600	Description of Materials Used to Manufacture Product	Not yet assigned	AgriHouse, Inc.	OWN	
OPPTS 830.1650	Description of the Formulation Process	Not yet assigned	AgriHouse, Inc.	OWN	
OPPTS 830.1670	Discussion of the Formation of Impurities	Not yet assigned	AgriHouse, Inc.	OWN	
OPPTS 850.1700	Preliminary Analysis	Not yet assigned	AgriHouse, Inc.	OWN	
OPPTS 830.1750	Certified Limits	Not yet assigned	AgriHouse, Inc.	OWN	
OPPTS 830.1800	Enforcement Analytical Method	Not yet assigned	AgriHouse, Inc.	OWN	
OPPTS 830.1900	Submittal of Samples	Not yet assigned	AgriHouse, Inc.	OWN	
OPPTS 830.6302	Color	Not yet assigned	AgriHouse, Inc.	OWN	
OPPTS 830.6303	Physical State	Not yet assigned	AgriHouse, Inc.	OWN	
OPPTS 830.6304	Odor	Not yet assigned	AgriHouse, Inc.	OWN	
Signature			Name and Title Heather R. Bjornson, Regulatory Agent		Date September 14, 2007
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Date September 14, 2007			EPA Reg. No./File Symbol 83729-R		Page 2 of 3
Applicant=s/Registrant Name and	Address		Product		
AgriHouse, Inc. 307 Welch Ave. Berthoud, CO 80513			YEA! Yield Enhancing Ag	gent	
Ingredient Chitosan					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
OPPTS 830.6313	Stability to normal and elevated temperatures, metals and metal ions	Not yet assigned	AgriHouse, Inc.	OWN	
OPPTS 830.6314	Chemical Incompatibility	Not yet assigned			
OPPTS 830.6315	Flammability	Not yet assigned	AgriHouse, Inc.	OWN	
OPPTS 830.6316	Explodability	Not yet assigned			
OPPTS 830.6317	Storage Stability	Not yet assigned	AgriHouse, Inc.	OWN	
OPPTS 830.6319	Miscibility	Not yet assigned	AgriHouse, Inc.	OWN	
OPPTS 830.6320	Corrosion Characteristics	Not yet assigned	AgriHouse, Inc.	OWN	
OPPTS 830.6321	Dielectric Breakdown	Not yet assignd	AgriHouse, Inc.	OWN	
OPPTS 830.7000	рН	Not yet assigned	AgriHouse, Inc.	OWN	
OPPTS 830.7100	Viscosity	Not yet assigned	AgriHouse, Inc.	OWN	
OPPTS 830.7300	Density, Bulk Density, Specific Gravity	Not yet assigned	AgriHouse, Inc.	OWN	
Signature			Name and Title Heather R. Bjornson, Regulator	y Agent	Date September 14, 2007



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DATA MATRIX Page 3 of 3 Date September 14, 2007 EPA Reg. No./File Symbol 83729-R Applicant≈s/Registrant Name and Address **Product** YEA! Yield Enhancing Agent AgriHouse, Inc. 307 Welch Ave. Berthoud, CO 80513 Ingredient Chitosan **Guideline Study Name MRID Number** Submitter Status Note **Guideline Reference Number** OPPTS 870.1100 AgriHouse, Inc. Acute Oral Toxicity 43417102 OWN OPPTS 870 1200 AgriHouse, Inc. 43417103 OWN Acute Dermal Toxicity 43417104 OWN AgriHouse, Inc. OPPTS 870,1300 Acute Inhalation Toxicity OPPTS 870,2400 43417105 AgriHouse, Inc. OWN Primary Eye Irritation 43417106 OWN OPPTS 870,2500 AgriHouse, Inc. Primary Dermal Irritation Dermal Sensitization 43417107 AgriHouse, Inc. OWN OPPTS 870.2600 **OPPTS 810.00** Efficacy on Rice 43388500 Arkion Life Scieices OWN 44665201 44665202 **OPPTS 810.00** 46790207 Interregional Research Project No. 4 Ы Efficacy Name and Title Date Signature Heather R. Bjornson, Regulatory Agent September 14, 2007

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